

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE

LIST OF ART CITED BY APPLICANT

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ATTY. DOCKET NO. **11710-0160** SERIAL NO. **09/531,247** FILING DATE **March 21, 2000**
 APPLICANT **Jian Qin et al.** GROUP **1711**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DRW</i>	AA	2,168,286	8/1/39	Warner Eustis et al.	—	—	
	AB	2,809,159	10/8/57	Ernest I Welles et al.	—	—	
	AC	3,005,456	10/24/61	G.C. Graham, Jr.	—	—	
	AD	4,096,311	6/20/78	Pietreniak	—	—	
	AE	4,413,032	11/1/83	Hartmann et al.	—	—	
	AF	4,548,847	10/22/85	Aberson et al.	—	—	
	AG	4,600,462	7/15/86	Watt	—	—	
	AH	4,873,143	10/10/89	Tanaka	—	—	
	AI	4,888,238	12/19/89	Katz et al.	—	—	
	AJ	4,940,626	7/10/90	Rhodes, III et al.	—	—	
<i>DRW</i>	AK	5,057,361	10/15/91	Sayovitz et al.	—	—	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO.
*	AL	JA-7317636-R	12.09.69	Japan (English Abstract)	—	—		
*	AM	25 38 092	03.03.77	German (English Abstract)	—	—		
*	AN	84-250922/41	09.09.81	(English Abstract)	—	—		
*	AO	JA-7245635-R	10.06.68	Japan (English Abstract)	—	—		
*	AP	J4 9066-991	28.10.72	Japan (English Abstract)	—	—		
*	AQ	J5 9228-074-A	08.06.83	Japan (English Abstract)	—	—		
*	AR	27-09-019	2.3.77	Germany (English Abstract)	—	—		
*	AS	J5 8017-121	24.07.81	Japan (English Abstract)	—	—		
*	AT	J4 8067-590	22.12.71	Japan (English Abstract)	—	—		

EXAMINER *DRWILSON* DATE CONSIDERED *6/02*

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* not "foreign patent documents". Need to be listed under "Other Documents" with source

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DRW	BA	5,079,076	1/7/92	Lal	7	1	
	BB	5,079,081	1/7/82	Lal	1	1	
	BC	5,151,465	9/29/92	Le-Khac	1	1	
	BD	5,158,575	10/27/92	Czech	1	1	
	BE	5,209,966	5/11/93	Lange et al.	1	1	
	BF	5,219,644	6/15/93	Lal et al.	1	1	
	BG	5,280,079	1/18/94	Allen et al.	1	1	
	BH	5,300,358	4/5/94	Evers	1	1	
	BI	5,362,555	11/8/94	Lal	1	1	
	BJ	5,500,254	3/19/96	Quincy, III et al.	1	1	
DRW	BK	5,540,984	7/30/96	Quincy, III et al.	1	1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO.
*	BE	2239 592	11.08.72	Germany (English Abstract)	7	1		
*	BM	J5 3134 992	15.04.77	Japan (English Abstract)	1	1		
*	BN	J4 9063 761	21.10.72	Japan (English Abstract)	1	1		
*	BO	JA 4867591 Q	14.09.73	Japan (English Abstract)	1	1		
*	BP	2143 014	27.08.71	Germany (English Abstract)	1	1		
DRW	BQ	0 314 449	03.05.89	EPO	1	1	X	
1	BR	EP 0 845 272 A2	03.06.98	EPO	1	1	X	
DRW	BS	EP 0 789 047 A1	13.08.97	EPO	1	1	X	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DRW	CA	5,620,788	4/15/97	Garavaglia et al.			
	CB	5,677,028	10/14/97	Ravella			
	CC	5,716,703	2/10/98	Payne			
	CD	5,728,082	3/17/98	Gustafsson et al.			
	CE	5,731,083	3/24/98	Bahia et al.			
	CF	5,749,863	5/12/98	Payne			
	CG	5,807,364	9/15/98	Hansen			
	CH	5,814,567	9/29/98	Vahiaoui et al.			
	CI	5,910,368	6/8/99	Ehret			
DRW	CJ	5,912,194	6/15/99	Everhart et al.			
	CK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO.
	CL							
	CM							
	CN							
	CO							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CP	
	CR	
	CS	
	CT	

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Substitute for Form 1449/APP

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Sheet	1
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Application Number

09/531,247

Filing Date

March 21, 2000

First Named Inventor

Qin	
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Group Art Unit

1713

Examiner Name

Wilson, D.

Attorney Docket Number

44043/228525 (11710-0160)

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**Examiner
Signature**

Date 6/
Considered

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.